

What is claimed is:

Sub B₁ 1. A composition of matter comprising sertraline or a pharmaceutically acceptable salt thereof and an amount of a solubilizing agent sufficient to produce a
5 concentration of dissolved sertraline in a use environment containing chloride ions which is 1.5 times higher than the concentration effected by a comparative composition of matter identical thereto but for the inclusion of said solubilizing agent.

2. A composition of matter as defined in claim 1, wherein said use
10 environment is the GI tract.

3. A composition of matter as defined in claim 1, wherein said use environment is an aqueous chloride ion-containing test medium.

15 4. A composition of matter as defined in claim 3, wherein said use environment is 0.075 M sodium chloride.

20 5. A composition of matter as defined in claim 1, which is an immediate release dosage form.

6. A composition of matter as defined in claim 1, which is a controlled release dosage form.

Sub D₂ 7. A composition of matter as defined in claim 1, wherein said
25 solubilizing agent is selected from:

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- 1) organic acids and organic acid salts;
 - 2) partial glycerides;
 - 3) glycerides;
 - 4) glyceride derivatives;
 - 5) polyethylene glycol esters;
 - 6) polypropylene glycol esters;
 - 7) polyhydric alcohol esters;

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- 8) polyoxyethylene thers;
- 9) sorbitan esters;
- 10) polyoxyethylene sorbitan esters; and
- 11) carbonate salts.

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8. A composition of matter as defined in claim 4, wherein the amount of said solubilizing agent is sufficient to maintain, for at least 2 hours, the concentration of dissolved sertraline at a level which is at least 1.5 times higher than the concentration of sertraline produced by a comparative composition of matter identical thereto but for the inclusion of said solubilizing agent.

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9. A composition as defined in claim 1, wherein said solubilizing agent is selected from aspartic acid, glyceryl monocaprylate, glyceryl monolaurate, calcium acetate, ascorbic acid, citric acid, glutamic acid, and calcium carbonate.

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10. A composition of matter comprising sertraline or a pharmaceutically acceptable salt thereof and an amount of a solubilizing agent sufficient to produce and to maintain, for at least 2 hours in 0.075M sodium chloride, a concentration of dissolved sertraline which is at least 1.5 times higher than the concentration effected by a comparative composition of matter identical thereto but for the inclusion of said solubilizing agent.

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11. A composition of matter as defined in claim 10, which is an immediate release dosage form.

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12. A composition of matter as defined in claim 10, which is a controlled release dosage form.

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13. A composition of matter as defined in claim 10, wherein said solubilizing agent is selected from:

- 1) organic acids and organic acid salts;
- 2) partial glycerides;

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- 3) glycerides;
- 4) glyceride derivatives;
- 5) polyethylene glycol esters;
- 6) polypropylene glycol esters;
- 7) polyhydric alcohol esters;
- 8) polyoxyethylene ethers;
- 9) sorbitan esters;
- 10) polyoxyethylene sorbitan esters; and
- 11) carbonate salts.

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14. A composition as defined in claim 10, wherein said solubilizing agent is selected from aspartic acid, glyceryl monocaprylate, glyceryl monolaurate, calcium ascorbate, ascorbic acid, citric acid, glutamic acid, and calcium carbonate.

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15. A composition of matter comprising sertraline or a pharmaceutically acceptable salt thereof and an amount of a solubilizing agent sufficient to effect, *in vivo*, a C_{max} and/or an AUC which is greater by at least 10% than the C_{max} and/or AUC effected by a comparative composition of matter identical thereto but for the absence of said solubilizing agent.

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16. A composition as defined in claim 15, wherein said C_{\max} and/or AUC effected by said solubilizing agent-containing composition is at least 15% higher than the C_{\max} and/or AUC effected by said comparative composition.

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17. A composition as defined in claim 16, wherein said C_{max} and/or AUC effected by said solubilizing agent-containing composition is at least 20% higher than the corresponding C_{max} and/or AUC effected by said comparative composition.

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18. A composition of matter as defined in claim 15, which is an immediate release dosage form.

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19. A composition of matter as defined in claim 15, which is a controlled release dosage form.

20. A composition of matter as defined in claim 15, wherein said solubilizing agent is selected from:

- 1) organic acids and organic acid salts;
- 2) partial glycerides;
- 3) glycerides;
- 4) glyceride derivatives;
- 5) polyethylene glycol esters;
- 6) polypropylene glycol esters;
- 7) polyhydric alcohol esters;
- 8) polyoxyethylene ethers;
- 9) sorbitan esters;
- 10) polyoxyethylene sorbitan esters;
- 11) carbonate salts.

21. A composition of matter as defined in claim 15, wherein said solubilizing agent is selected from aspartic acid, glyceryl monocaprylate, glyceryl monolaurate, calcium acetate, ascorbic acid, citric acid, glutamic acid, and calcium carbonate.

22. A method of increasing the solubility of sertraline in an aqueous chloride ion-containing use environment, comprising administering said sertraline to said use environment in a composition of matter additionally comprising a solubilizing agent.

23. A method as defined in claim 22, wherein the concentration of dissolved sertraline in said use environment also containing said solubilizer is at least 1.5-fold higher than the concentration of sertraline effected by a comparative composition identical to said solubilizing agent-containing composition except for the inclusion of said solubilizing agent.

24. A method as defined in claim 22, wherein said use environment is the GI tract.

5 25. A method as defined in claim 22, wherein said use environment is an aqueous chloride ion-containing test medium.

26. A method as defined in claim 25, wherein said medium is 0.075 M sodium chloride.

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27. A method as defined in claim 22, wherein said composition of matter is in the form of an immediate release dosage form.

15 28. A method as defined in claim 22, wherein said composition of matter is in the form of a controlled release dosage form.

20 29. A method as defined in claim 22, wherein said solubilizing agent is selected from:

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- 1) organic acids and organic acid salts;
 - 2) partial glycerides;
 - 3) glycerides;
 - 4) glyceride derivatives;
 - 5) polyethylene glycol esters;
 - 6) polypropylene glycol esters;
 - 7) polyhydric alcohol esters;
 - 8) polyoxyethylene ethers;
 - 9) sorbitan esters; and
 - 10) polyoxyethylene/sorbitan esters.
 - 11) carbonate salts

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